



# Hydraulic Boat Lift Owner's Manual

## Assembly and Trouble Shooting Guide



**Register your Pier Pleasure purchase at  
[www.pierpleasure.com/warranty](http://www.pierpleasure.com/warranty)**

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# W A R N I N G

(READ THIS SECTION FIRST)

## HYDRAULIC LIFT SAFETY INSTRUCTIONS

1. Read all instructions and instruct all users about the proper operating procedures.
2. Make sure all nuts and bolts are tightened properly before use.
3. Grease pins that have zerks yearly for enhanced performance.
4. Lift must be level with water line to operate properly.
5. Do not allow anyone to swim or play near the lift. Keep everyone clear during operation of the lift.
6. Hydraulic lifts raise and lower quickly. THINK before pushing the power switch and WATCH what you are doing!
7. Stop lowering the bunk once the boat is floating.
8. Weight of the boat must be positioned on the lift correctly or damage may occur to lift. See [page 10](#) for proper positioning of boat.
9. Do not exceed the maximum lift capacity. Exceeding lift capacity may lead to equipment failure and/or personal injury.
10. If you do not have a canopy or boat cover, rain water in boat could cause the lift to become overloaded resulting in failure. Remove drain plug from boat when unattended.
11. Inspect cables periodically for fraying. Replace cable if excessively frayed.
12. Inspect pulleys to ensure that they turn freely. Replace excessively worn pulleys.
13. Completely lower the boat lift when any maintenance is done to lift.
14. Do not work in or on your boat when raised up in the lift.
15. To prevent damage to lift canopy and/or boat while lifting, determine a maximum height stopping point and mark it. See [page 9](#) on how to mark the stopping point.
16. Always wear eye protection and gloves to protect yourself when connecting and disconnecting hoses to prevent high pressure fluid spray from penetrating your eyes and skin.
17. Do not disconnect hoses from pump while the system is under load. The pressure in the hydraulic hoses will make it difficult to connect the hoses again.
18. In the off-season, store hydraulic pump box in an environment where it will not freeze. This will prolong the life of the battery and hydraulic fluid. If the hydraulic fluid's chemical properties change from freezing or it becomes contaminated, the fluid will need to be changed. See included instructions on changing hydraulic fluid.
19. Never attempt to grab cable with your hand while operating lift. Personal injury may occur.
20. Keep hose couplers free of dirt, dust and other debris to prevent contamination of the hydraulic pump.
21. When lift is not used for an extended period of time, install the lock pin into the correct hole on the hydraulic beam assembly. Hydraulic fluid from the cylinder may flow slowly back into pump while you are gone. The lock pin will stop the lift from lowering. See [page 9](#) for the installation and removal of this lock pin.
22. Watches, jewelry and other metal objects that come in contact with electrical system will spark and cause significant injury. Always remove all jewelry and shut off the system switch before working inside the hydraulic box. (Turn the Green Knob)
23. System shut-off switch should be turned off when lift is not in use. (Turn the Green Knob) This will disengage power to the pump and prevent accidental use of the remote by children or other users. See [page 7](#) for the proper use of the system shut-off switch.
24. Your Pier Pleasure limited warranty does not cover ice damage. Do not leave any Pier Pleasure product in the water during winter months. Leaving product in freezing water in all situations is not recommended. Any liability for damages caused by leaving product in freezing water will not be covered under warranty.
25. Never operate the lift with the remotes unless the lift is in view. Unattended operation of the lift could cause damage to the lift and bodily harm to anyone around the boat lift.
26. Do not let anyone swim or play under or around the boat lift or dock. Keep clear during operation of the lift. No jumping from, diving off or running on the dock or near the boat lift. Severe head, neck, back injury or death could result. Wear Personal Floatation Device (PDF) for added protection when on the dock.

**Hydraulic lifts raise and lower quickly.**

**THINK before pushing the power switch and WATCH what you are doing!**

Thank you for your investment you have made in Pier Pleasure. We appreciate the confidence you have put in our product and us. Please read the instructions thoroughly. If you have any questions, please contact your dealer. May your Pier Pleasure hydraulic boat lift bring you many years of enjoyment. This manual is a supplement to the main Pier Pleasure Owner's Manual that shows assembly and operation of the vertical lift. Please contact your dealer if need additional manuals or assistance.

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Read Warnings First!

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# WARNING

- System shut-off switch should be turned off when lift is not in use. This will disengage power to the pump and prevent accidental use of the remote by a child or other users. (Turn the Green Knob.)
- Watches, jewelry, and other metal objects that come in contact with electrical system will spark and cause serious injury. Always remove all jewelry and shut off the system switch before working inside the hydraulic box. (Turn the Green Knob.)
- Hydraulic lifts raise and lower quickly. **THINK** before pushing the power switch or remote and **WATCH** what you are doing!
- **DO NOT** overfill hydraulic fluid tank. Overfilling the fluid in the system will cause fluid to spill out into the box as the lift raises the boat. When the lift is fully raised, the fluid should not be higher than 1" from the top of the tank.
  - Tank Level:
    - Highest level when lift is completely raised.
    - Lowest level when lift is completely lowered.
- While hoses are disconnected, keep hose couplers free from dirt, dust and other debris to prevent contamination of the pump.
- Always wear safety glasses when connecting and disconnecting hydraulic hoses.

# WARNING

## HYDRAULIC LIFT SAFETY INSTRUCTIONS

1. Read all instructions and inform all users about the proper operating procedures.
2. Make sure all nuts and bolts are tightened properly before use.
3. Grease pins with zerks annually for enhanced life.
4. Lift must be level with water line to operate properly.
5. **DO NOT** allow anyone to swim or play near the lift. Keep everyone clear of the lift during operation on the lift.
6. Stop lowering the bunk once the boat is floating.
7. Weight of the boat must be positioned on the lift correctly or damage may occur to the lift. See Owner's Manual for proper positioning of boat.
8. **DO NOT** exceed the maximum lift capacity. Exceeding lift capacity may lead to equipment failure and/or personal injury.
9. If you do not have a lift canopy or boat cover, rain water in the boat could cause the lift to become overloaded resulting in failure. Remove drain plug from boat when unattended.
10. Inspect cables periodically for fraying. Replace cable if excessively frayed.
11. Inspect pulleys to ensure that they turn freely. Replace excessively worn pulleys.
12. Completely lower the boat lift when any maintenance is done to lift.
13. **DO NOT** work in or on your boat when raised up in the lift.
14. Hydraulic lifts raise and lower quickly. **THINK** before pushing the power switch and **WATCH** what you are doing!
15. To prevent damage to lift canopy and/or boat while lifting, determine a maximum height and mark stopping point on the lift upright. See Owner's Manual on how to mark the stopping point.
16. **DO NOT** disconnect hoses from pump while the system is under load. The pressure trapped in the hydraulic hoses will make it difficult to connect the hoses again.
17. **DO NOT** disconnect hoses from hydraulic cylinder while the system is under load. This will cause the boat to fall immediately and may cause damage to the boat and lift.
18. Always wear safety glasses when connecting and disconnecting hydraulic hoses.
19. Never grab the lift cable with your hand while operating lift. Personal injury may occur.
20. Keep hose couplers free from dirt, dust and other debris to prevent contamination of the pump.
21. Hydraulic fluid from the cylinder may flow slowly back into the pump over an extended period of non-usage. This may cause the unit to lower slowly on its own. The lock pin will prevent the lift from lowering. Install the lock pin in the correct hole on the hydraulic beam assembly. See Owner's Manual for the installation and removal of lock pin.
22. System shut-off switch should be turned off when lift is not in use. This will disengage power to the pump and prevent accidental use of the remote by a child or other users. See Owner's Manual for the proper use of the system shut-off switch.

### Hydraulic Beam Assembly Installation

The hydraulic beam assembly is attached to the canopy arms of the lift with use of 3/8" bolts and brass nuts. If you do not have a canopy, short inner legs are available to attach the beam assembly. The hydraulic beam assembly is very heavy and will require additional help to lift into place. Place beam into position and install canopy arms or short inner legs. Tighten all bolts for canopy arms and hydraulic beam.



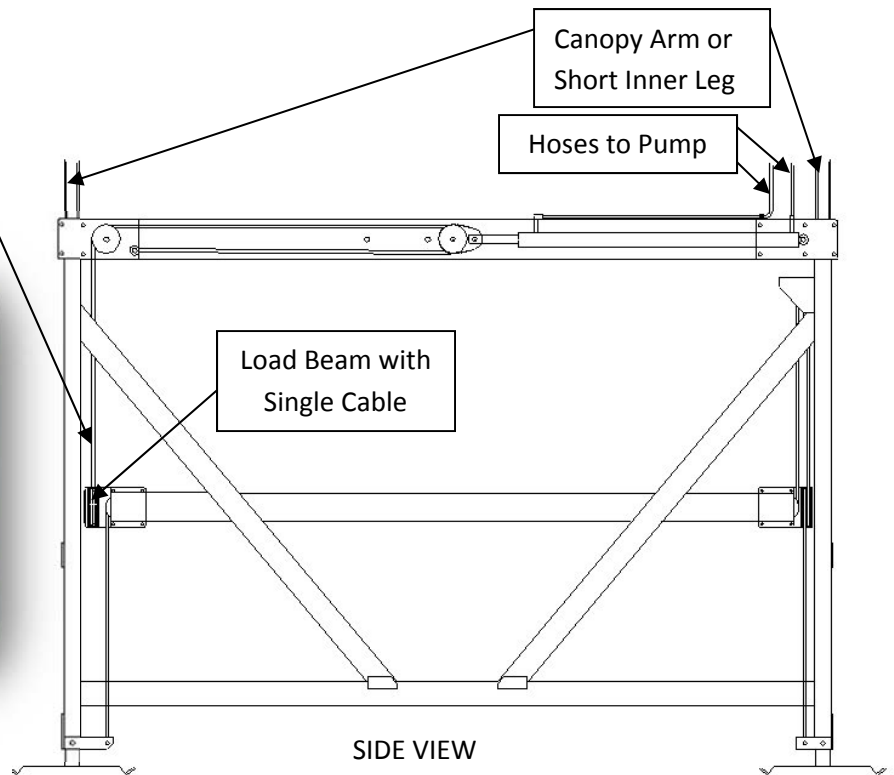
### Cable Installation

The cable from the hydraulic beam assembly is installed through the bunk beam. There are two sheaves located in the bunk beam that will have to be removed and reinstalled into the beam. If you are adding this hydraulic system to an existing boat lift with a winch cable, that cable will also have to be removed. Slide the cable from the hydraulic beam through the beam re-install the sheaves. The threaded rod on the end of the cable is placed through the hole in the flat bar on the opposite side. Place two brass nuts on the threads to properly secure the cable.

Cable installed through the bunk beam and back up to the other side.



Cable installed through load beam and secured into flat on the upright opposite of the hydraulic beam. Use 2 brass nuts to secure the cable.



### **Coupling Hoses to Pump**

The hoses from the hydraulic beam assembly are connected to pump in the box. Slide hoses through holes located on the side of the box. Before connecting the hoses, clean dirt and debris from connections. Debris in the pump will cause the pump to fail. To attach the hoses, align matching connections, turn and firmly tighten with adjustable wrench. If the connections are not tight, the pump will not operate properly.

**Always wear eye protection and heavy gloves when connecting and disconnecting hydraulic hoses to prevent high pressure fluid spray from penetrating the skin.**



## **Battery Hook-Up – 12 Volt System (DC)**

The battery is **not** supplied with the 12 volt hydraulic system. A 12 volt deep-cycle marine battery is recommended. The battery must have a good charge for the hydraulic system to work properly. Start with charging the battery completely.

Place the battery in the open end of the black box and attach the battery cables. Tighten battery cable for a good connection.

**RED** IS POSITIVE ( + )    **BLACK** IS NEGATIVE ( - )



## **System Shut-Off Switch - 12 Volt System (DC)**

The 12 volt hydraulic system is equipped with a shut-off switch. The remote could operate your lift from a great distance. To prevent accidental usage by children who find the remote, use the system shut-off switch to disable the system when not in use. The switch has a green knob and is connected to the battery. Tighten knob down clockwise to operate the lift. Loosen knob up counterclockwise to shut-off the system.

**Watches, jewelry and other metal objects that come in contact with electrical system will spark and cause significant injury. Always remove all jewelry and shut off the system switch before working inside the hydraulic box.**



## Operating Lift with the Remote & Switch - 12 Volt System (DC)

The 12 volt hydraulic lift system is standard with three button remotes and a keyed switch. The remote receiver & switch is located inside the hydraulic. The switch does have a 20 ft. cord. The cord can be positioned up in the canopy and fastened to the lift upright. This will allow you to operate hydraulic system manually from the dock.

Either the remote fobs or the switch can be used to raise and lower the lift. Use **caution** when you activate the power. If the remote is not responding properly, use the switch to raise the lift. The remote will not respond properly if the 12 volt battery is low, the signal between the remote and receiver is weak or the remote fob battery is dead. Additional remotes are available through your dealer. See page 9 for 12 volt system remote programming.



Remote Key Fobs



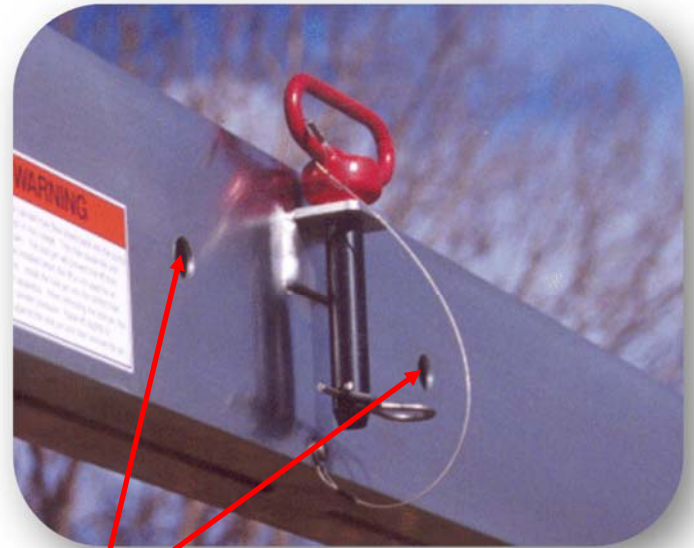
### **Marking Stop Point**

The hydraulic lift rises very quickly. Damage to your boat and lift canopy could occur. Raise the lift in small increments the first time you raise the boat up under the canopy. Once you have determined the maximum height, mark the stop point on the lift upright post. The stop point should be marked where you can see it from the boat and while standing on the dock. This photo shows the use of black tape.



## **⚠ WARNING**

Hydraulic fluid from the cylinder may flow slowly back into the pump over an extended period of non-usage. This may cause the unit to lower slowly on its own. The lock pin will prevent the lift from lowering and should be installed when the lift is not used for an extended period of time. Install the lock pin into the correct hole on the hydraulic beam assembly. When removing the lock pin, the pin may be tight from cylinder pressure. Raise lift slightly to remove the pressure against the lock pin and then remove the pin.



Fit Lock Pin into  
Either Location

### **Use of Lock Pin When Not In Use**

When lift is not used for an extended period of time, install the lock pin into the available hole on the hydraulic beam assembly. Hydraulic fluid from the cylinder may flow slowly back into the fluid tank while you are gone. The lock pin will stop the lift from lowering. If the lift has lowered against the pin, you will have to raise the lift slightly to remove the pin.

### **Access Hole**

The access hole to the hydraulic beam is protected by a safety cover. Never use the hydraulic system without having this cover properly installed. This slotted hole in the hydraulic beam allows for service to the hydraulic cylinder, cable, sheaves, and fasteners. Contact your dealer if you are experiencing problems with the hydraulic beam.

Safety Cover





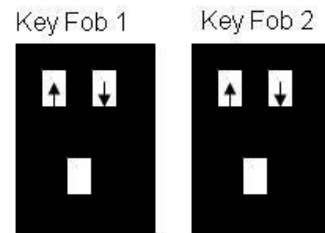
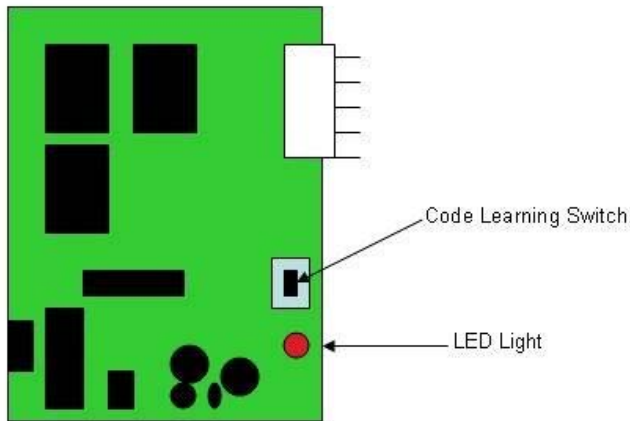
## Programming Additional Remote – 12 Volt System (DC)

You may purchase additional hydraulic remote fobs from the dealer. You will need to program the remote to work with your system. Locate the black receiver box attached to cover of the black box. Remove the 4 small screws and remove the cover. Follow these instructions for new remote fobs or existing remote fobs:

### PROGRAMMING DC REMOTES

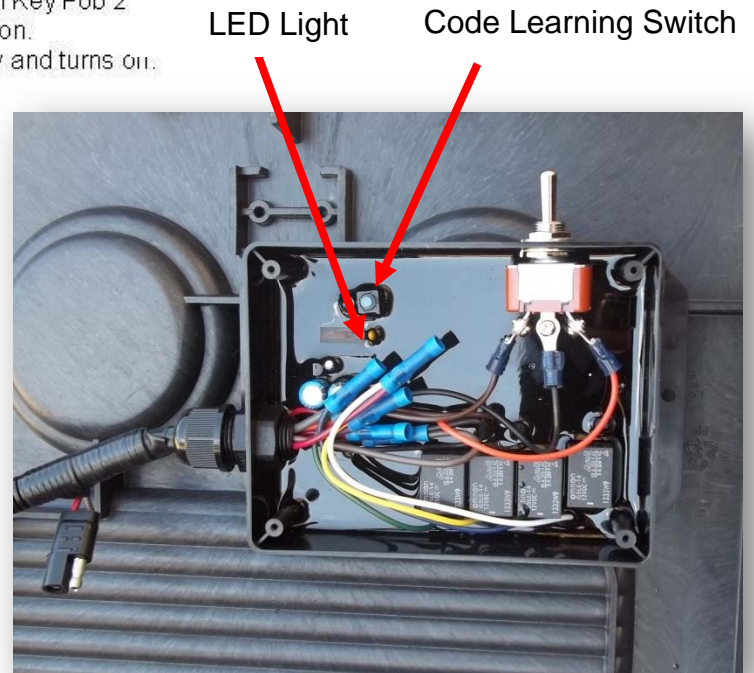
## 3 CHANNEL REMOTE CONTROLLER

### 2006 12 VDC & 24 VDC SYSTEMS ONLY



### Code Learning Mode:

1. Depress Code Learning Switch till LED light turns on.
2. After LED Light is on press and release up button on Key Fob 1.
3. LED Light will flash once and then it will turn back on.
4. After LED turns back on press and release up button on Key Fob 2
5. Then The LED Light will flash twice and then turn back on.
6. Finally wait 5 seconds until LED light flashes repeatedly and turns on.
7. Remotes are then programmed.



### **Adding Hydraulic Fluid**

When boat lift is completely lowered, there should be 1" to 1-1/2" of fluid in the tank. If there is less, additional fluid can be added to reach the recommended level in the tank.

The tank will be at its maximum level when the lift is completely raised. Do not overfill the tank or the excess fluid will spill out of the tank through the cap.

Use biodegradable hydraulic fluid. Contact your dealer for assistance in obtaining the correct hydraulic fluid. Factory hydraulic fluid is BioFlow AW-46.

**Flushing Hydraulic Fluid is recommended at least once every 24 months. See Pages 18 – 19 for flushing details.**

**Hydraulic Fluid is available from your dealer.**



Fill Hole Cap

Fluid Tank

### **Storage for the Off-Season**

The black hydraulic pump box is designed to be disconnected for storage during the off-season. There will be pressure in hydraulic hoses when the lift is in the raised position. Lower the lift completely to remove the pressure. Disconnect and roll the hoses. Do not allow the hoses to touch the ground or dirt will stick to connectors. Carefully move the hydraulic box to the storage area.

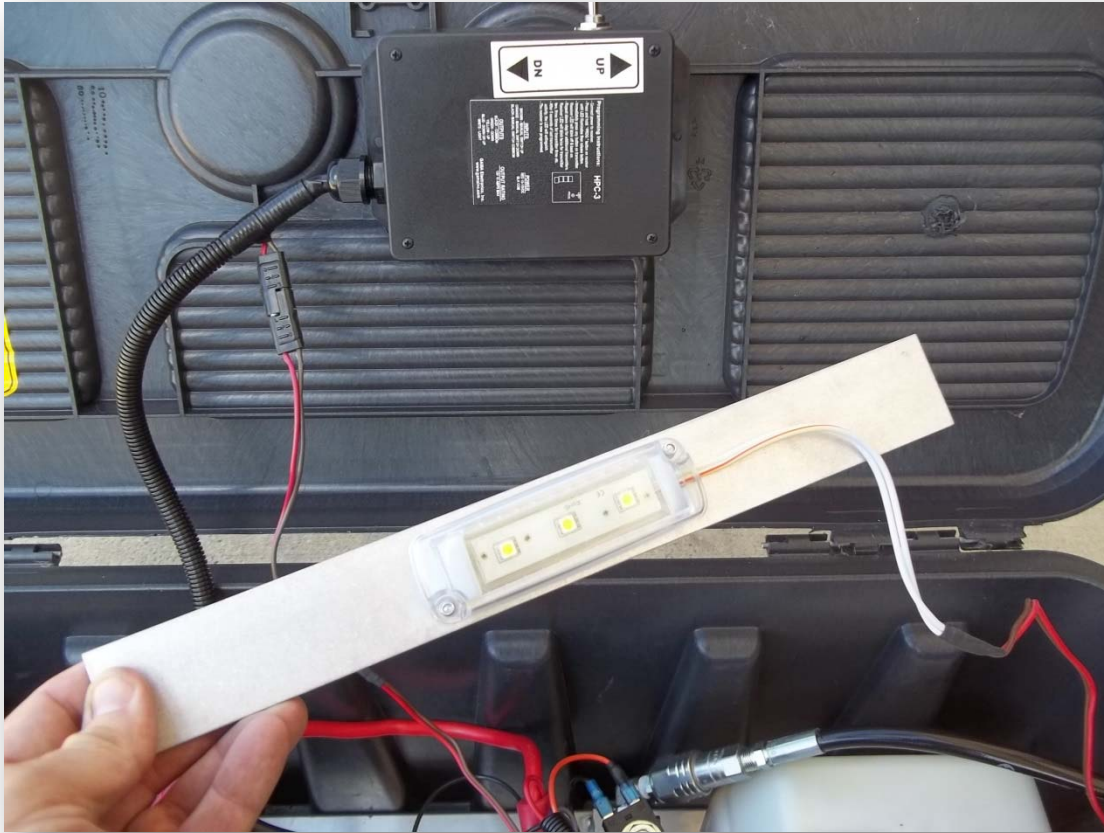
Do not disconnect hoses from pump while the system is under load. The pressure in the hydraulic hoses will make it difficult to connect the hoses again.

**The weight in the box is not equally distributed - Lift with caution!**

**Pier Pleasure's warranty does not cover wind, storm, or ice damage. Do not leave any Pier Pleasure product in the water during winter months. Any liability for damages caused by leaving product in freezing water will not be covered under warranty.**

### **Canopy Light – 12 Volt System (DC)**

The hydraulic system is equipped with a 12 volt LED canopy light. The light plugs into the receiver box. Install the light cord through the same hole in hydraulic box used for the hydraulic hoses. Slide the 12 volt connections firmly together. Using plastic cable ties, attach the LED light to the canopy frame in the desired location. The light can be operated using the remotes.



### **Secure the Top Lid**

The lid of the hydraulic box needs to be secured close to prevent the lid from being blown open. Always secure the lid with the provided wire clip. If the lid blows open, the box can fill with water and damage the pump.



**Solar Panel and Solar Panel Rod – 12 Volt (DC) (Optional)**

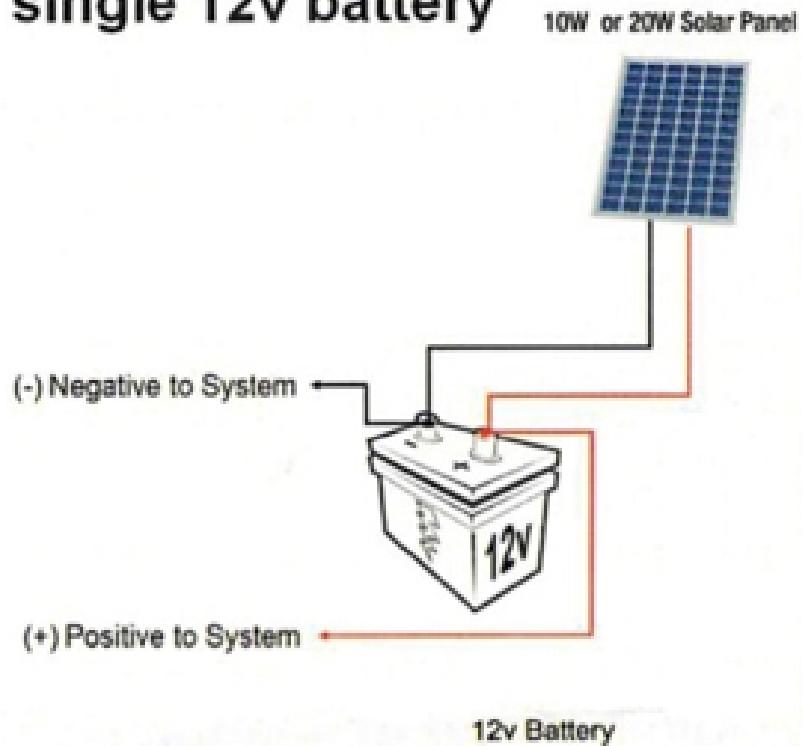
The solar panel is available to charge the battery used 12 volt hydraulic system. The solar panel will perform best if placed at 45 degree angle and facing direct south. If the charger does not keep the battery charged, adjust the angle and direction for maximum exposure to sunlight. The rod will allow the panel to be rotated any direction.



Canopy Bracket for the Solar Panel is also available.



**Single 10 watt 12v solar panel charging a single 12v battery**





## Trouble Shooting

Trouble		Remedy	Page
Push remote button and nothing happens.	X	Check system shut-off switch. If switch is turned off, the system will not operate.	6
	X	12 volt battery low. Charge battery with battery charger.	6
	X	Check battery cable connections.	6
	X	If remote fob blue light does not flash - replace batteries	16
	X	Reprogram remote fobs - 12 Volt (DC)	9
Push remote button and lift bounces while raising lift.	X	Use toggle switch inside box to raise lift. If toggle switch works properly, but remote causes the lift to bounce, the 12 volt battery is low. Charge battery.	7
Remote will not work from a distance.	X	Battery low. Charge battery with battery charger.	7
	X	Signal between remote and antenna may be weak. Move closer to hydraulic box.	7
Hydraulic fluid tank seems low.	X	When boat lift is completely lowered, there should be 1" to 1-1/2" of fluid in the tank. If there is less, additional fluid can be added to reach the recommended level in the tank.	10
Push button on remotes, pump runs, but will not move lift either up or down.	X	Hose couplers not completely tight. Use adjustable wrench to tighten couplers.	5
Hydraulic pump squeals and will not raise the boat completely. (Cylinder is not fully extended)	X	Pressure relief valve can be adjusted up. Factory Setting : 3000 psi <b>Turning up pressure relief too high can cause damage to the pump. Make only 1/8 to 1/4 turn and test.</b>	17
When running the pump, the lift only goes <u>down</u> .		<b>Valve / Coil is not shifting.</b>	
	X	Hose couplers not completely tight. Use adjustable wrench to tighten couplers.	5
	X	Check for loose wires.	
	X	Check if coil is grabbing magnetically. If not, replace coil.	16
	X	Valve plugged : Remove valve, clean and replace	16
When running the pump, the lift only goes <u>up</u> .		<b>Valve / Coil is not shifting</b>	
	X	Hose couplers not completely tight. Use adjustable wrench to tighten couplers.	5
	X	Check for loose wires.	
	X	Check if coil is grabbing magnetically. If not, replace coil.	16
	X	Valve plugged : Remove valve, clean and replace	16

## Trouble Shooting

Trouble		Remedy	Page
When running the pump to <u>lower</u> the lift, the boat lift only moves slightly, locks up or stalls			
	X	Check for loose wires.	
	X	Check if coil is grabbing magnetically. If not, replace coil.	16
After raising lift up, the boat lowers back down	X	Hydraulic system has debris in the system allowing leakage through the valves.	
	X	A slow leak may be caused by debris in the valves. Remove valves and clean thoroughly, replace and raise boat lift back up. If leakage continues, a full system flush may be required.	16 18-19
	X	A quick leak is caused by significant debris in the system and will require a full system flush and complete cleaning of both valves.	18-19
Canopy light is not working	X	Check cord connection.	12
Solar panel not charging battery.	X	Check wiring the wiring for the solar is connected to the battery correctly.	12
	X	Solar panel must be facing to direct south at 45 degree angle or adjusted to receive direct sunlight.	12

## Remote Key Fob Battery

If the remote blue light does not flash when the remote fob buttons are pressed, the battery may need to be replaced. Remove the screw with a phillips screwdriver. The battery is 23A 12 volt battery.



## Hydraulic Valves and Coils

### Coil Problems

When operating the pump, the coils will grab the valve magnetically. To test this, remove the nut that is secured on top of the coil. The coil will now be free to move up and down on the valve. Hold the coil up on the valve and then press the “up” or “down” button on the remote. The coil will grab the valve once the power begins to run. A screwdriver on top and touching the valve can also test the coil. Set a screwdriver on top of the valve, press a remote button and check if the screwdriver is grabbed magnetically. Replace the coil if it is not working properly.



### Valve Problems

Debris can become lodged in the valves causing leakage and performance problems. The valves can be removed with a wrench. Inspect the valves for damaged o-rings, clogged ports and other possible defects that could cause performance problems. Clean with compressed air.

**Watches, jewelry and other metal objects that come in contact with electrical system will spark and cause significant injury. Always remove all jewelry and shut off the system switch before working inside the hydraulic box.**



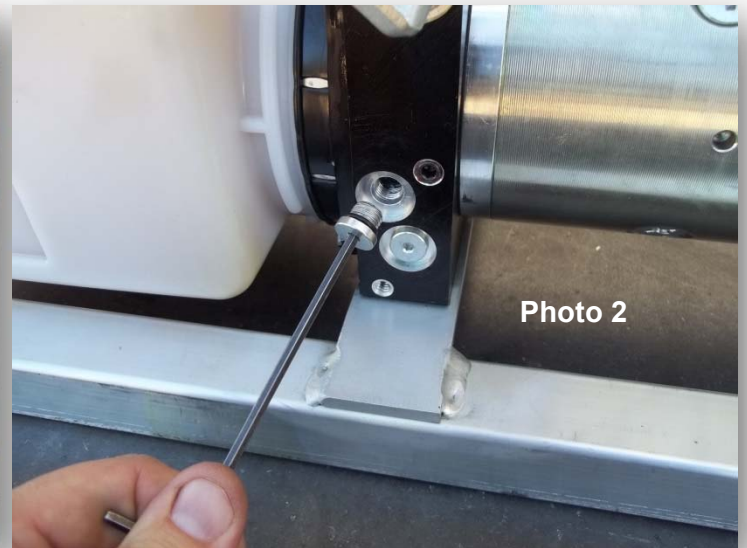
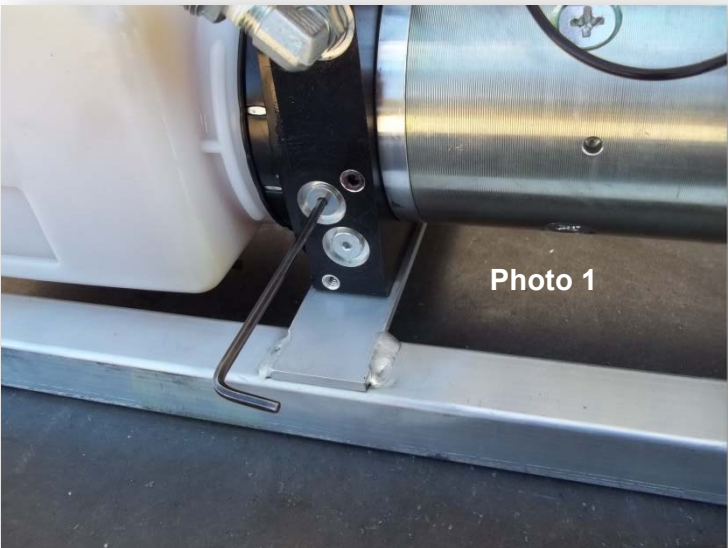


## Pressure Relief Adjustment

The pressure relief has a default setting of 3000 psi. In some cases, the pump may be set slightly lower than 3000 psi. If the pump begins to squeal before the lift completely raised, the pressure relief may need to be increased. The squealing is the flow of fluid over the pressure relief under the load of the boat. If you increase the relief pressure, the pump will raise the boat lift with the load of the boat.

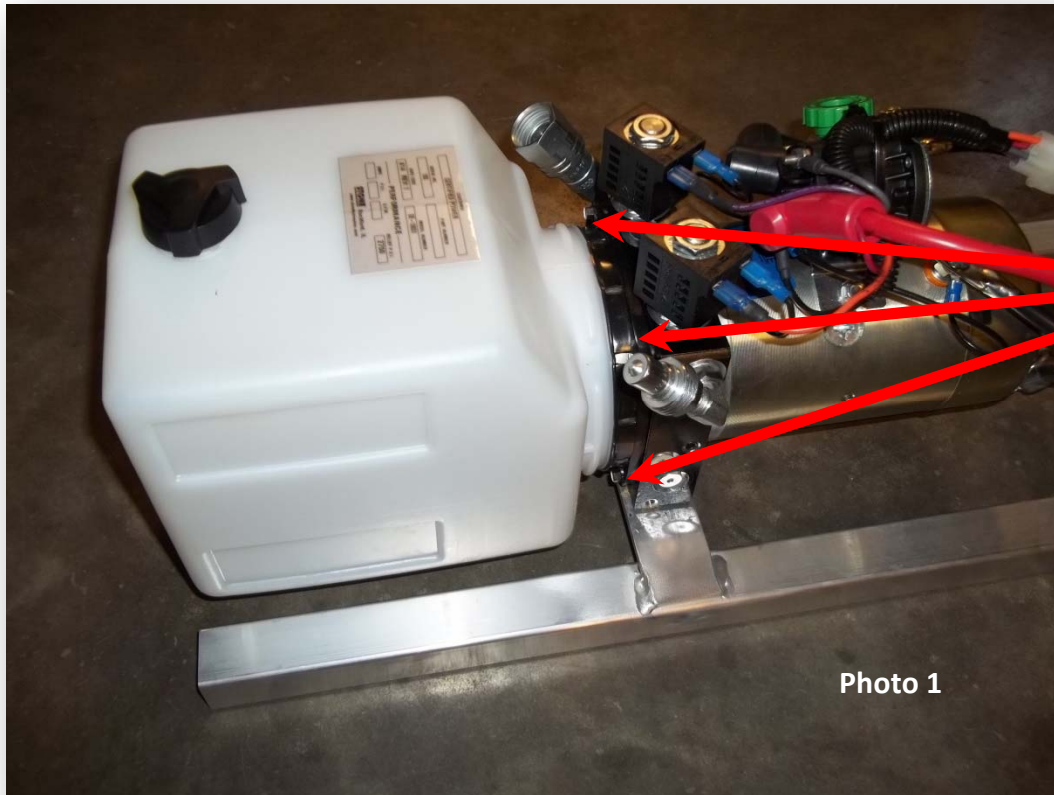
To increase the relief pressure, use an 1/8" Allen wrench to remove the cap over the pressure relief valve (Photos 1 & 2). With a 3/16" Allen wrench, turn the valve 1/8 to 1/4 turn in clockwise (Photo 3). Do not turn more than 1/4 turn without testing if system is working properly. **Excessively turning relief valve pressure up will cause damage to the relief pressure valve and/or pump.**

Access to relief valve adjustment is located on the back of the pump when the pump is in the poly box. You may remove the pump from the box to make adjusting easier. Photos of the pump and relief valve adjustment are shown with pump removed from the black poly box.



## Flushing the Hydraulic Fluid on a Hydraulic Boat Lift

- A. Remove the boat from the boat lift and **LOWER** the lift completely to its lowest point.
- B. Disconnect the hydraulic hose lines and remove the pump from the box.  
Place the pump on a solid, stable surface. (Photo 1)



*There are four bolts that hold the reservoir mounting plate to the pump housing. (The fourth is hidden from view)*

Photo 1

- C. Drain hydraulic reservoir by removing cap and pouring oil into a bucket or other suitable container. Remove reservoir from pump. Your reservoir is held in place by four small bolts in each corner of the mounting plate. (Photo1)

A small amount of mineral spirits or other solvent may be applied to a wiping cloth to loosen stubborn dirt.

- D. Reinstall reservoir on pump and fill approximately 1" from top of reservoir with clean environmentally friendly hydraulic fluid.

**Flushing Hydraulic Fluid is recommended  
at least once every 24 months.**

**Hydraulic Fluid is available  
from your dealer.**

- E. Install the hydraulic line that RAISES the lift. This is the “female” coupler on the hose. Install it on the “male” coupler on the pump. (Photos 2 & 3).

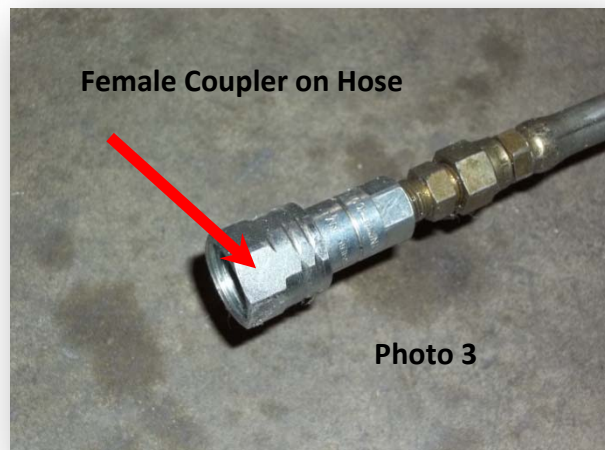
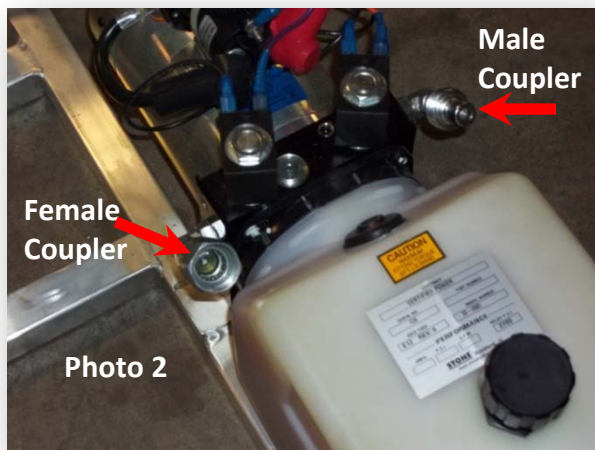


Photo 2

Photo 3

*Remove the male fitting from the hose. Secure the end of the hose tightly in a bucket as fluid under pressure will cause the end of the hose to whip around erratically.*



Photo 4

- F. Remove the “male” coupler from the end of the hose that has not been reconnected.(Photo 4) Then, secure the end of this hose in a bucket or other suitable container. NOTE: Fluid will be under pressure in the next step. Secure the end of the hose, or have a helper hold the hose tightly. The hose will whip around if it is not secured tightly!
- G. Start raising the lift while watching the fluid level in the pump reservoir. You will have to add hydraulic fluid as the lift is raised. When the lift has reached its fully raised position, reinstall the male fitting on the hose. Remove the hose that is attached to the pump and put the pump back in the box. Install both hoses on pump and run the lift all the way to the lowest point again, then all the way to the top as a test. Recheck hydraulic fluid level and add fluid as necessary. Once everything tests out properly, the boat may be installed back on the lift.

**There should be about 1” of fluid in the tank when the lift is completely lowered.**



**Remote System**  
Part #: 542-REMOTE



**Remote Fob**  
Part #: 542-REMOTE-PEND



**System Shut-Off Switch**  
Part #: 542-SWITCH



**Solenoid** Part #: 542-25025



**Coil** Part #: 542-25000



**Male Coupler**  
Part #: 542-21025



**Lug Cover**  
Part #: 542-26100B  
Part #: 542-26100R



**Terminal Protector**  
Part #: 542-26000



**Female Coupler**  
Part #: 542-21050



**Battery Cable**  
Part #: 542-BAT-CBL-BLK  
Part #: 542-BAT-CBL-RED



**3' Hydraulic Hose**

Part #: 542-20003

This hose uses Female Coupler  
Part #: 542-21050 to attach to  
hydraulic pump.



**6' Hydraulic Hose**

Part #: 542-20006

This hose uses Male Coupler  
Part #: 542-21025 to attach to  
hydraulic pump.



**Release/Flow Valve VF-4009**

Part #: 542-25050



**Directional Valve VF-6007**

Part #: 542-25055

**Flushing Hydraulic Fluid is recommended  
at least once every 24 months. See Pages  
18 – 19 for flushing details.**

**Hydraulic Fluid BioFlow AW-46 is  
available from your dealer.**

# PIER PLEASURE BOAT LIFT LIMITED WARRANTY



During the term of the Limited Warranty on your Pier Pleasure Boat Lift, Pier Pleasure’s obligations and liabilities under this warranty are limited to covering the cost of all parts and labor needed to repair or replace any Pier Pleasure supplied item that proves defective in material, workmanship or factory preparation. These repairs or replacements (parts and labor) will be made by your dealer using new or remanufactured parts for the periods specified for each product as follows:

<b>20-Year Boat Lift Structural Limited Warranty</b>	
Aluminum Boat Lift Structure	20 Years
<b>5-Year Limited Warranty</b>	
Aluminum Boat Lift Canopy Frame	5 Years
Aluminum Box Winch	5 Years
<b>5-Year Pro-Rated Limited Warranty</b>	
Seamark Fabric™ Tarps	5 Years Pro-Rated
Hydrofend Canopy Tarps™	5 Years Pro-Rated
Vinyl Tarps	5 Years Pro-Rated
1st Full Year - Replacement or Repair Cost Credit	100%
2nd Full Year - Replacement or Repair Cost Credit	80%
3rd Full Year - Replacement or Repair Cost Credit	60%
4th Full Year - Replacement or Repair Cost Credit	40%
5th Full Year - Replacement or Repair Cost Credit	20%
<b>2-Year Pro-Rated Limited Warranty</b>	
Dutton-Lainson Winches	2 Years
Stainless Cables	2 Years
Aluminum Sheaves	2 Years
Stainless Hardware	2 Years
Hydraulic System : Cylinder, Pump, Hoses	2 Years
Fittings, Remote Unit and Remote Fobs	2 Years
<b>2-Year Pro-Rated Limited Warranty</b>	
All Boat Lift Accessories	2 Years

## Commencement of Warranty

The Pier Pleasure Limited Warranty will commence the date the original owner takes delivery of a new Pier Pleasure Boat Lift.

## Warranty not Transferable or Assignable:

This Pier Pleasure Limited Warranty shall extend only to the original owner of our product and is not transferrable or assignable. The “original owner” is defined as the first legal owner of a Pier Pleasure Boat Lift other than an authorized distributor or dealer who has bought the boat lift from Pier Pleasure for resale to the public.

## What your Pier Pleasure Limited Warranty

**Does Not Cover:** Your Pier Pleasure Limited Warranty does not cover the costs of repairing damage caused by environmental factors or Acts of God.

“Environmental factors” include, but are not limited to,

such things as airborne fallout, chemicals, tree sap, salt, brackish water, galvanic corrosion, electrolysis and water hazards. “Acts of God” include, but are not limited to, such things as rainstorms, hailstorms, windstorms, tornadoes, lightning, floods and earthquakes.

Your Pier Pleasure Limited Warranty does not cover ice damage. Do not leave any Pier Pleasure product in or near the water during winter months. Leaving any Pier Pleasure product in freezing water in all situations is not recommended. **ANY LIABILITY FOR DEFECTS OR DAMAGES CAUSED BY LEAVING PRODUCT IN FREEZING WATER WILL NOT BE COVERED UNDER THIS WARRANTY.**

Your Pier Pleasure Limited Warranty does not cover the costs of repairing damage caused by poor or improper maintenance. The Pier Pleasure Limited Warranty does not cover the costs of normal or scheduled maintenance of your aluminum Pier Pleasure Boat Lift.

Your Pier Pleasure Limited Warranty does not cover the costs of repairing damage or conditions caused by fire or accident; by exceeding load ratings; by abuse or negligence; by misuse; by improper installation or removal; by tampering with parts; by improper adjustment or alteration; or by any changes made to your Pier Pleasure Boat Lift that do not comply with Pier Pleasure specifications.

The Pier Pleasure Limited Warranty does not cover commercial use applications of any Pier Pleasure product.

**Register your Pier Pleasure purchase at  
[www.pierpleasure.com/warranty](http://www.pierpleasure.com/warranty)**

**Boat Lift Modification or Alteration:**

Unauthorized modifications or alterations of, or use of components other than genuine Pier Pleasure components, on any Pier Pleasure products are not recommended. ANY LIABILITY FOR DEFECTS OR DAMAGES CAUSED BY SUCH UNAUTHORIZED MODIFICATIONS OR ALTERATIONS OF, OR USE OF COMPONENTS OTHER THAN GENUINE PIER PLEASURE COMPONENTS, WILL NOT BE COVERED UNDER THIS WARRANTY.

**Production Changes:**

Pier Pleasure and its distributors and dealers reserve the right to make changes in Pier Pleasure boat lifts built and or sold by them at any time without incurring any obligation to make the same or similar changes on boat lifts previously built and or sold by them, including with regard to any warranty repairs or replacements and this Pier Pleasure Limited Warranty does not cover the cost of adding anything to any Pier Pleasure product once it is delivered to the original owner.

**Disclaimers:**

THE LIMITED WARRANTY SET FORTH HEREIN IS IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES WHETHER IN CONTRACT OR IN TORT, NEGLIGENCE, EXPRESSED OR IMPLIED, IN LAW OR IN FACT, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

TO THE MAXIMUM EXTENT PERMITTED BY LAW, PIER PLEASURE SHALL NOT BE LIABLE FOR ANY COSTS, LOSS, EXPENSE, DAMAGES, SPECIAL DAMAGES, INCIDENTAL DAMAGES OR CONSEQUENTIAL DAMAGES ARISING DIRECTLY OR INDIRECTLY FROM THE INSTALLATION, USE, MISUSE, OR INABILITY TO USE THIS PRODUCT. THIS EXCLUSION APPLIES REGARDLESS OF WHETHER SUCH DAMAGES ARE SOUGHT BASED ON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT, OR ANY OTHER LEGAL THEORY. SHOULD THE COMPANY NEVERTHELESS BE FOUND LIABLE FOR ANY DAMAGES, THE TOTAL LIABILITY OF THE COMPANY SHALL BE LIMITED TO THE

PURCHASE PRICE OF THE PARTICULAR PRODUCT AT ISSUE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

**How to Get Warranty Service for Your Lift**

Please contact the dealer from whom you bought the boat lift for warranty service. When contacting your dealer, please provide them with your date of purchase and the nature of the problem. If contact with the dealer is not feasible, please contact Pier Pleasure for further assistance.

Pier Pleasure reserves the right to have dealers conduct any necessary warranty service. Dealers and Pier Pleasure, at their sole discretion, reserve the right to have defective parts returned for inspection as part of the warranty claim process. Pier Pleasure does not cover the cost of returning parts.

Thank you for the investment you have made in this Pier Pleasure product. This document contains Pier Pleasure, Inc.'s Limited Warranty. It should be kept in a safe place and presented to your dealer if any warranty service is needed.

Manufactured by:  
Pier Pleasure, Inc.  
1270 N River Drive  
Mankato, MN 56001  
Phone 800.658.7010  
www.pierpleasure.com



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**All visual representations, dimensions, and specifications contained in this manual are based on the latest product information available at time of publication approval. The right is reserved to make changes in material, equipment, design, and specifications.**

**Register your Pier Pleasure purchase at  
[www.pierpleasure.com/warranty](http://www.pierpleasure.com/warranty)**

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Dock layouts shown in this manual may not meet local and state codes in your area.

Pier Pleasure's warranty does not cover wind, storm, or ice damage. Do not leave any Pier Pleasure product in the water during winter months. Any liability for damages caused by leaving product in freezing water will not be covered under warranty.



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